

In the Claims:

1. (Currently amended) A reactive non-isocyanate coating composition prepared by mixing epoxy, tertiary amine, anhydride, hydroxy- and, ~~optionally,~~ acid functional compounds, the tertiary amine functional compound being an oligomeric or polymeric tertiary amine with or without other functional groups, and wherein:

- i. an acid functional compound and the tertiary amine functional compound are combined in a first polymer including tertiary amine and acid functional groups;
- ii. the anhydride functional compound constitutes a second polymer and comprises a ~~being oligomeric or~~ polymeric cyclic anhydride having two or more anhydride groups per molecule; ;
and ~~wherein~~
- iii. the epoxy and hydroxy-functional compounds are combined in a third ~~first~~-polymer including epoxy and hydroxy- functional groups.

2. (Cancelled)

3. (Original) The composition of claim 1, wherein the tertiary amine functional compound is an oligomeric or polymeric tertiary amine having two or more tertiary amine groups per molecule.

4. (Original) The composition of claim 1, wherein the epoxy functional compound is an oligomeric or polymeric epoxy having two or more epoxy-functional groups per molecule.

5. (Cancelled)

6. (Currently amended) The composition of claim 1, wherein the tertiary amine functional compound is ~~in the form of a second polymer~~ polymeric, ~~the epoxy functional compound and hydroxy-functional compound are combined in the form of a third polymer, and the anhydride functional compound is in the form of a fourth polymer.~~

7. (Cancelled)
8. (Cancelled)
9. (Original) The composition of claim 1, wherein the composition is a waterborne composition.
10. (Original) The composition of claim 1, wherein the composition is a solvent-borne composition.
11. (Original) The composition of claim 1, wherein the tertiary amine functional compound is an acrylic copolymer based on dimethylaminoethyl methacrylate.
12. (Currently amended) The composition of claim 1, wherein the anhydride functional compound is ~~an oligomeric or a polymeric~~ a polymeric cyclic diacid anhydride.
13. (Previously presented) The composition of claim 1, wherein the anhydride functional compound is a copolymer of maleic anhydride, styrene and acrylic monomers.
14. (Cancelled)
15. (Original) The composition of claim 1, wherein the epoxy functional compound is an acrylic copolymer containing glycidyl methacrylate.
16. (Cancelled)
17. (Original) The composition of claim 1, wherein anhydride functional groups of the anhydride functional compound react with hydroxy-functional groups of the hydroxy-functional compound, and tertiary amine functional groups of the tertiary amine functional compound react with epoxy functional groups of the epoxy functional compound.

18. (Original) A substrate coated with the coating composition of claim 1.
19. (Currently amended) A coating system having at least three components which are combined to make a coating composition, ~~said one of the~~ components being: i) a first polymer including tertiary amine and acid functional groups obtained by combining an acid functional compound and an oligomeric or polymeric tertiary amine functional compound; ii) a second polymer comprised of polymeric cyclic anhydride having two or more anhydride groups per molecule; and, iii) a third polymer including epoxy and hydroxy- functional groups and obtained by combining oligomeric or polymeric epoxy functional compounds and hydroxy-functional compounds. ~~a oligomeric or polymeric anhydride functional compound having two or more anhydride groups per molecule, another of the components being an oligomeric or polymeric tertiary amine functional compound, another of the components being an oligomeric or polymeric epoxy functional compound, the system also including an hydroxy- functional compound, the hydroxyl functional compound being a component combined with the epoxy functional compound.~~
20. (Cancelled)
21. (Original) The coating system of claim 19, wherein the coating composition is a waterborne composition.
22. (Original) The coating system of claim 19, wherein the coating composition is a solvent-borne composition.
23. (Original) The coating system of claim 19, wherein the tertiary amine functional compound is an acrylic copolymer based on dimethylaminoethyl methacrylate.
24. (Currently amended) The coating system of claim 19, wherein the polymeric cyclic anhydride is a copolymer of maleic anhydride, styrene and acrylic monomers.
25. (Cancelled)

26. (Original) The coating system of claim 19, wherein the epoxy functional compound is an acrylic copolymer containing glycidyl methacrylate.
27. (Cancelled)
28. (Original) A substrate coated with the coating composition made from the coating system of claim 19.